

SECRET

PRIORITY

OUT63074

1967 SEP 12 23 00Z

25X1 SECRET 122239Z CITE [] 1731

25X1 PRIORITY []

OXCART

SUBJ: EVALUATION OF BLACK SHIELD MISSION BX6716.

1. CAMERA F, TYPE I, WAS USED ON MISSION BX6716. THE EXPOSURE WAS GOOD. PROCESSING WAS ACCOMPLISHED []. THERE IS A

25X1

25X1 TOTAL OF 3894 FRAMES.

2. BOTH CAMERAS OPERATED SATISFACTORILY THROUGHOUT THE MISSION. DURING STRAIGHT AND LEVEL FLIGHT, ESTIMATED GROUND RESOLUTIONS OF [] (ONE BAR PLUS ONE SPACE) WAS OBTAINED IN THE VERTICAL PORTIONS OF THE PHOTOGRAPHY. METERING WAS SATISFACTORY WITH OVERLAP OCCURRING ONLY AT STARTUP OR SHUTDOWN.

3. THERE WAS NO CAMERA OPERATION DURING ASCENDING AND DESCENDING PORTIONS OF THE MISSION. ALTITUDES RANGED FROM [] FEET. (UNCORRECTED BAROMETRIC READINGS)

25X1

4. EXPOSURE WAS SET AT 1/190 THROUGHOUT THE MISSION, WITH THE ENTIRE MISSION RECEIVING FULL DEVELOPMENT.

5. INS TAPE INDICATES CAMERA IN UNCAGED STATUS THROUGHOUT ENTIRE MISSION. THE LATITUDE AND LONGITUDE INDICATORS ARE ONE MINUTE HIGHER THAN FILM DATA BLOCK THROUGHOUT MISSION. THE INS TAPE IS 0.0010 TO 0.0015 RADIANS PER SECOND HIGHER THAN VALUES OBTAINED FROM FILM. THIS BIAS OCCURS THROUGHOUT THE MISSION. SATISFACTORY CORRELATION WAS ACHIEVED ON THIS MISSION.

6. THE FIRST TARGET AREA IS APPROXIMATELY 45 PERCENT CLOUD FREE AND THE SECOND TARGET AREA IS 70 PERCENT CLOUD FREE FOR THE FIRST TWO-THIRDS WITH THE REMAINING ONE-THIRD 20 PERCENT CLOUD FREE. THE MISSION WAS APPROXIMATELY 40 PERCENT CLOUD FREE EXCLUDING 456 FRAMES THAT WERE EDITED OUT DUE TO COMPLETE CLOUD COVER. THE ELAPSED TIME OF EVENTS AFTER A/C TOUCHDOWN ARE AS FOLLOWS:

HR-MIN

25X1 { 3 12 RECEIPT OF INS TRANSMISSION []

25X1 { 4 30 RECEIPT OF D-VALUES []

25X1 { 24 05 MATERIAL ARRIVED []

31 05* RECEIPT OF UNTITLED REPRODUCTION []

32 35 FINAL FRAME EPHEMERIS COMPLETED []

40 35* INITIAL READOUT OF MATERIAL COMPLETED.

25X1 { 52 05* IPIR SENT OUT FROM []

25X1

25X1

SECRET

END OF MESSAGE

* INCORRECT

NGA review(s) completed.

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

25X1